

Fig. 1

Genital Blood Flow - Frequency response relationship between pelvic nerve stimulation and blood flow

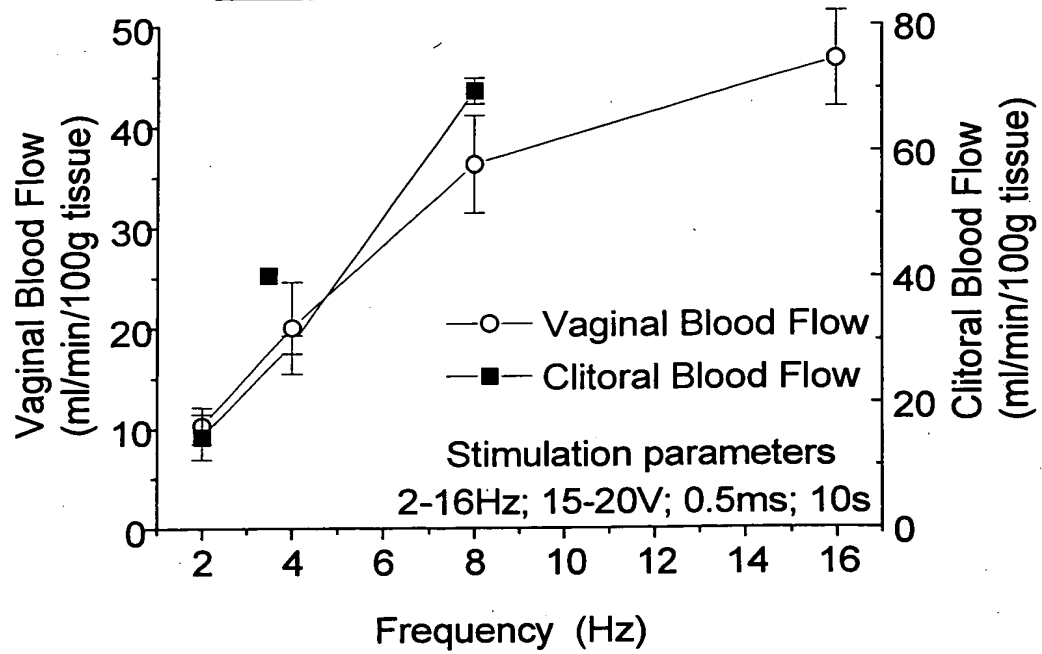


Fig. 2a

Effect of VIP (Sequence No. 8) on vaginal blood flow

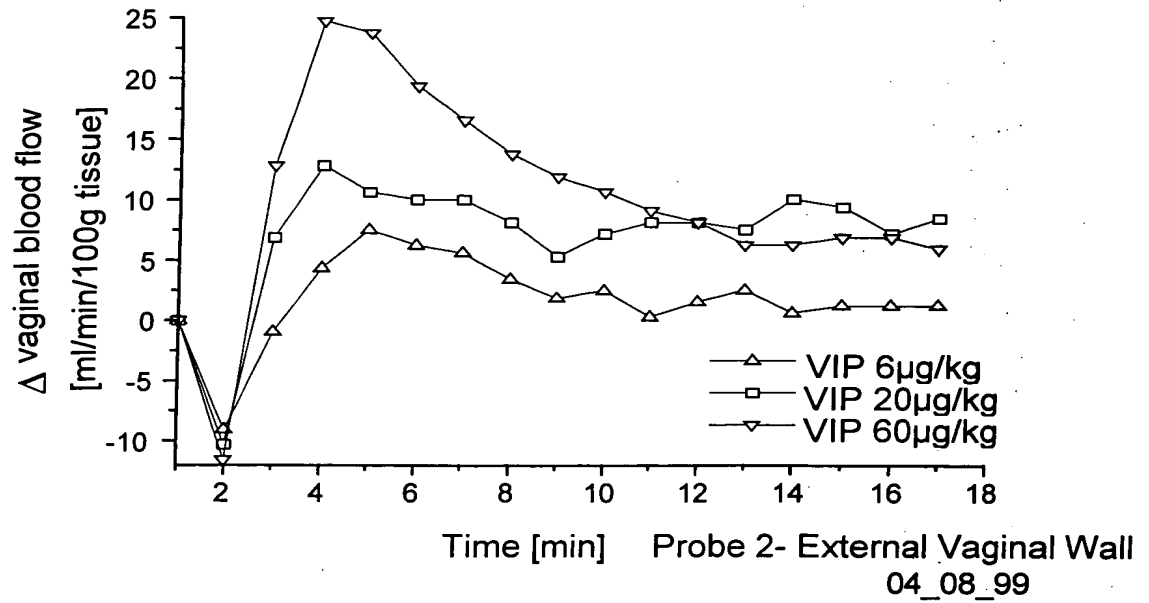


Fig. 2b

Effects of repetitive infusions of VIP (Sequence No. 8)
on vaginal blood flow

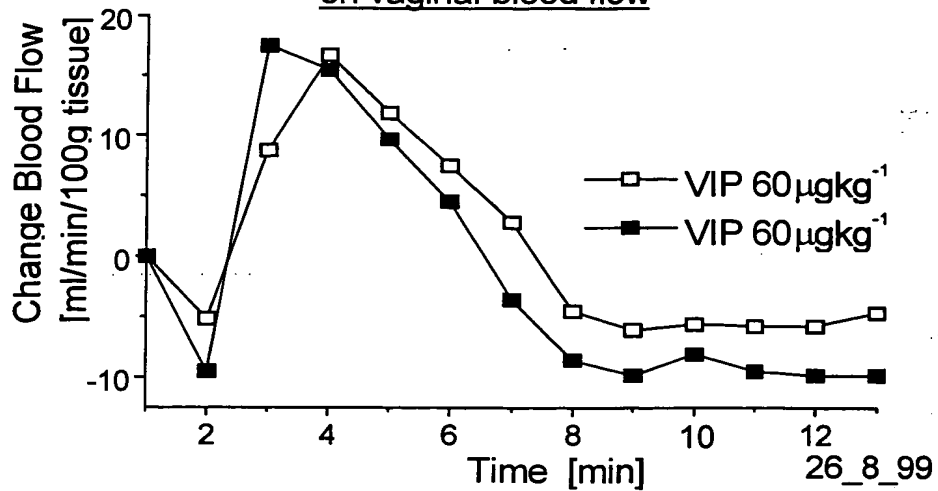
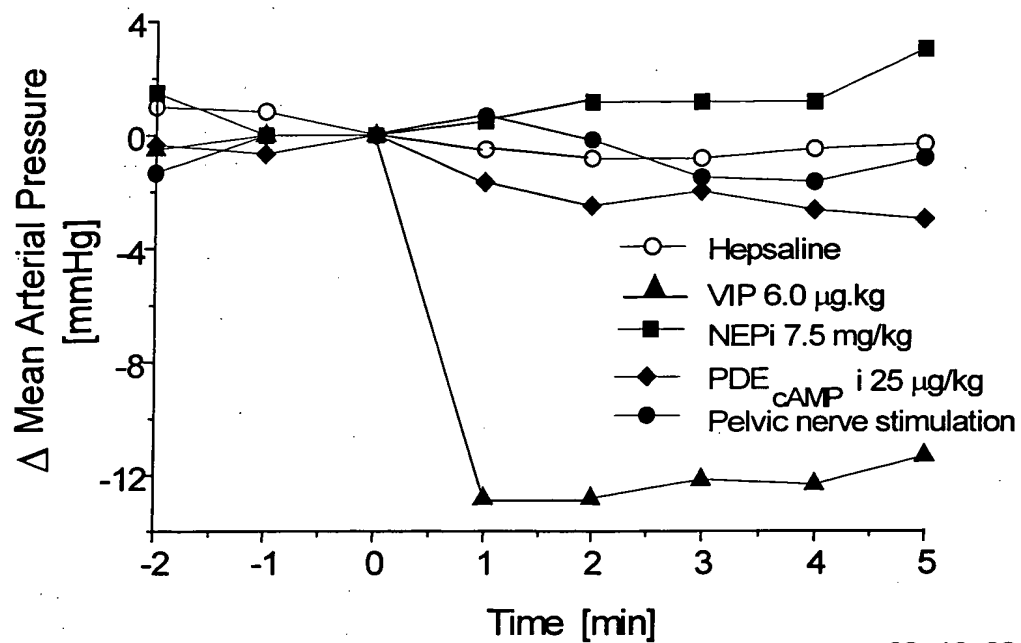


Fig. 3

Effect of VIP (Sequence No. 8), an NEP_{cAMP} Inhibitor, a PDE inhibitor or Pelvic Nerve Stimulation on Mean Arterial Pressure in the Anaesthetised Rabbit



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Fig. 4a

Forskolin (a cAMPmimetic) increases vaginal blood flow in the Anaesthetised Rabbit

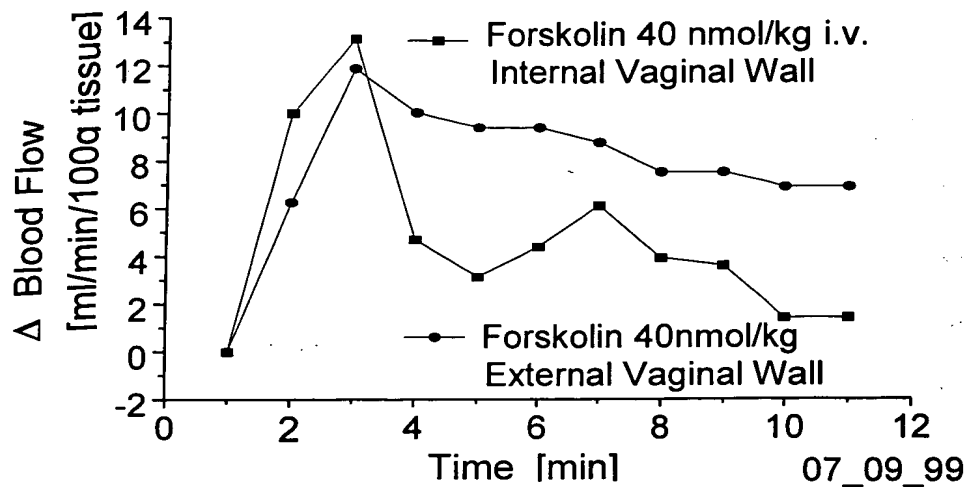


Fig. 4b

VIP (Sequence No. 8) stimulates cAMP production in isolated rabbit vagina

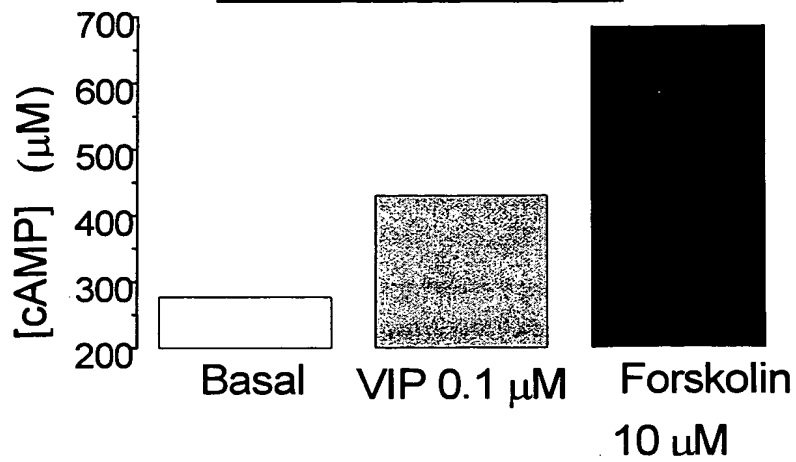


Fig. 4c

Relaxant effect of Forskolin (a cAMP mimetic)
on isolated rabbit vagina

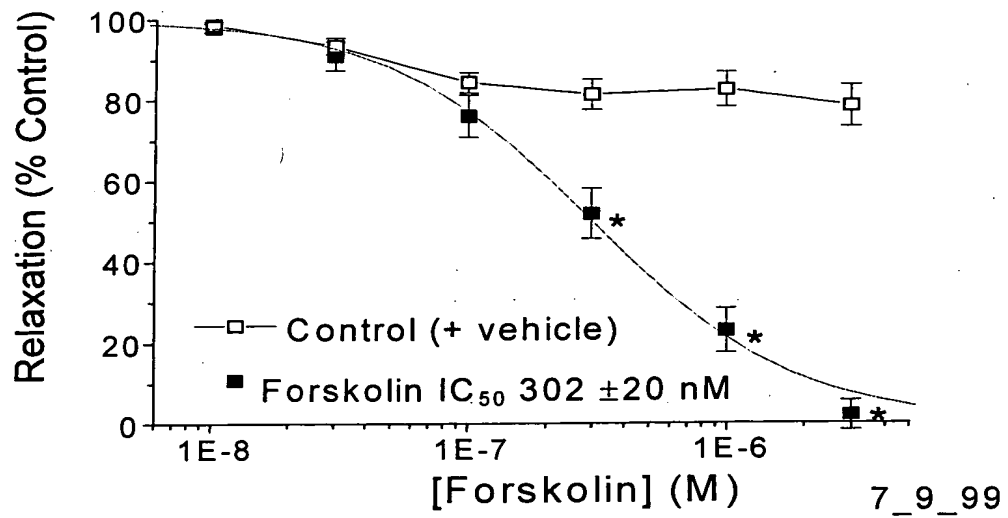


Fig. 5

VIP (Sequence No. 8) and forskolin (a cAMPmimetic)
clitoral blood flow in the anaesthetised rabbit

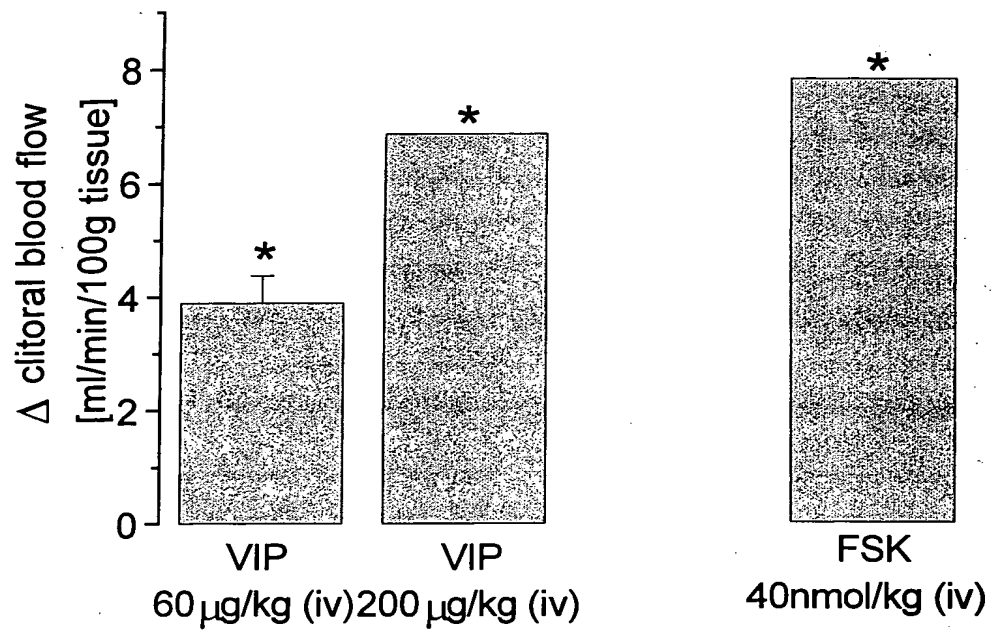


Fig. 6

Effect of an NEP Inhibitor on Pelvic Nerve in Vaginal
Blood Flow in the Anaesthetised Rabbit

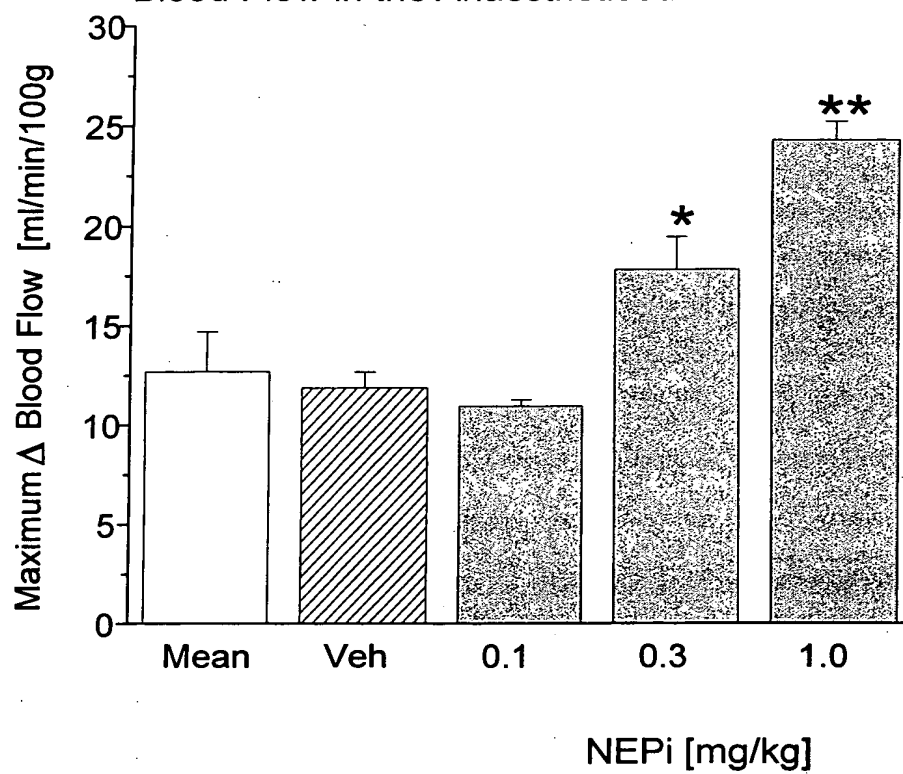
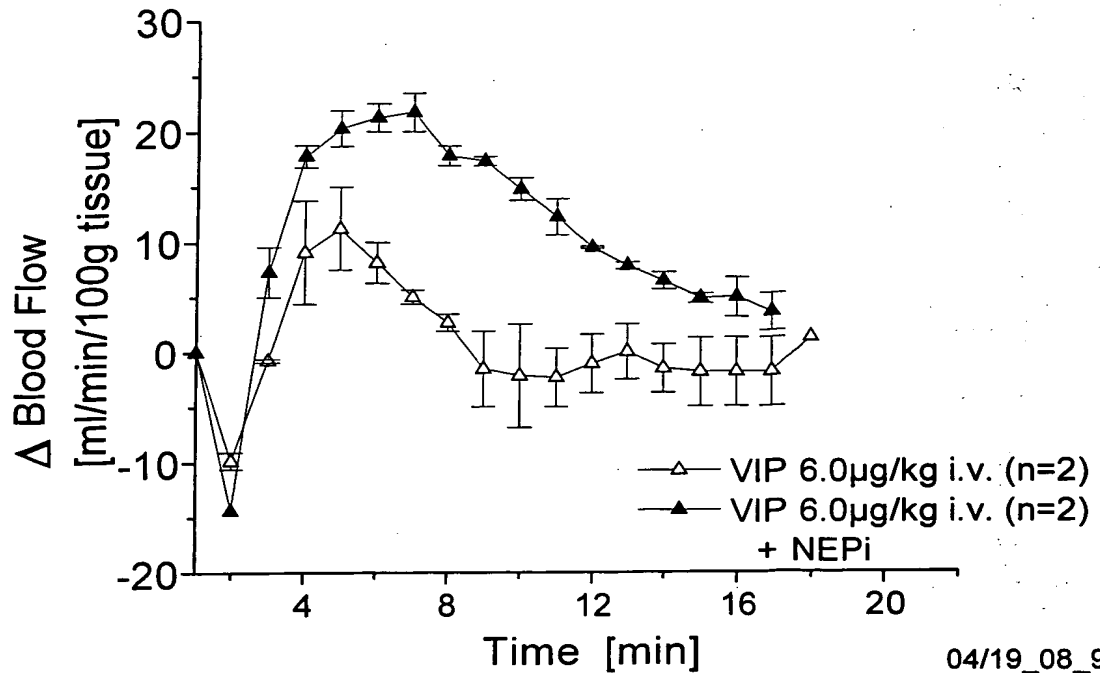


Fig. 7

Effect of VIP (Sequence No. 8) (6 $\mu\text{g/kg}$) on presence and absence of an NEP Inhibitor



Effect of VIP (Sequence No. 8) (60 $\mu\text{g/kg}$) on Vaginal Blood presence and absence of an NEP Inhibitor

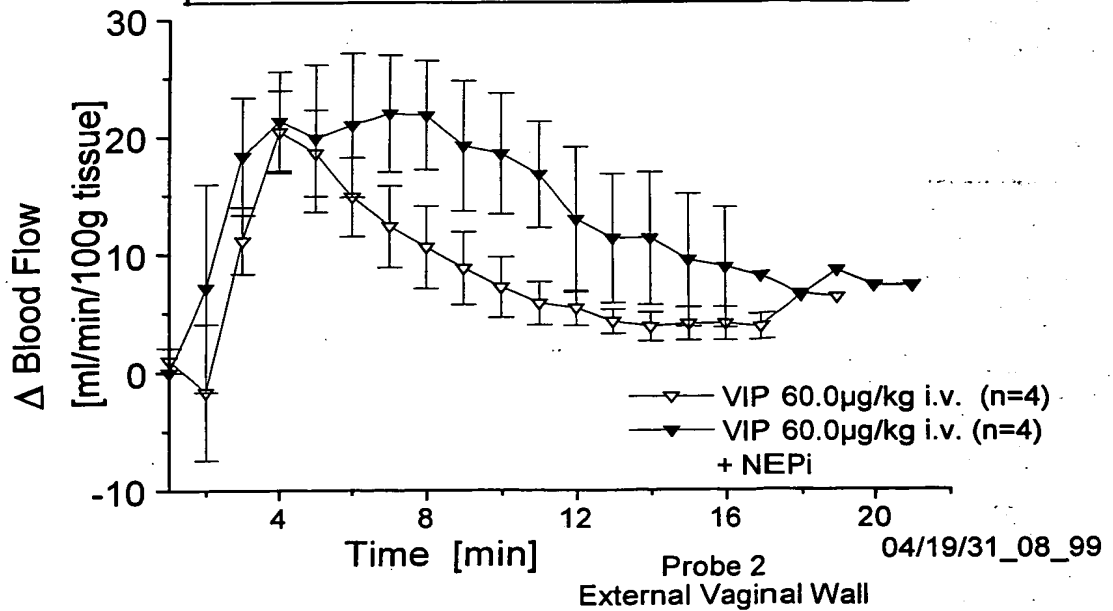


Fig. 8

Effect of a PDEcAMP type2 inhibitor on pelvic nerve stimulated increases in vaginal blood flow

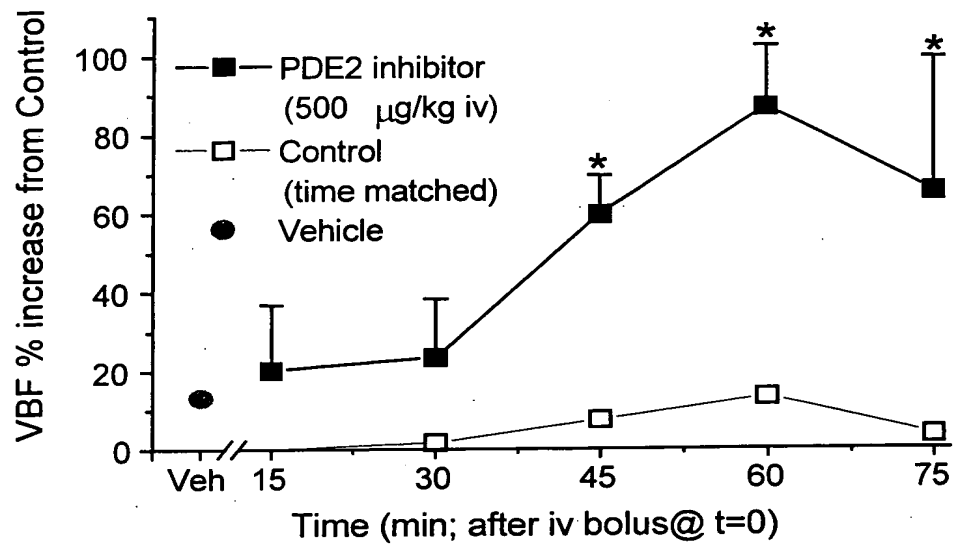


Fig. 9

Effect of PDE_{CAMP} type 2 inhibitor on VIP-induced increases in vaginal blood flow

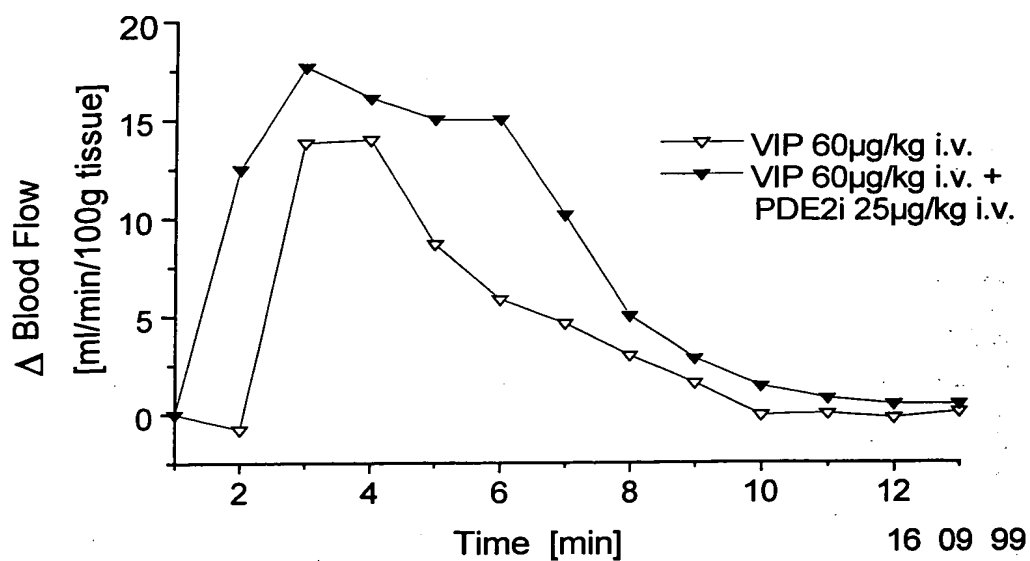


Fig. 10

Effect of the NPY Y1 Antagonist on Pelvic Nerve Stimulated Increases in Vaginal Blood Flow in the Anaesthetised

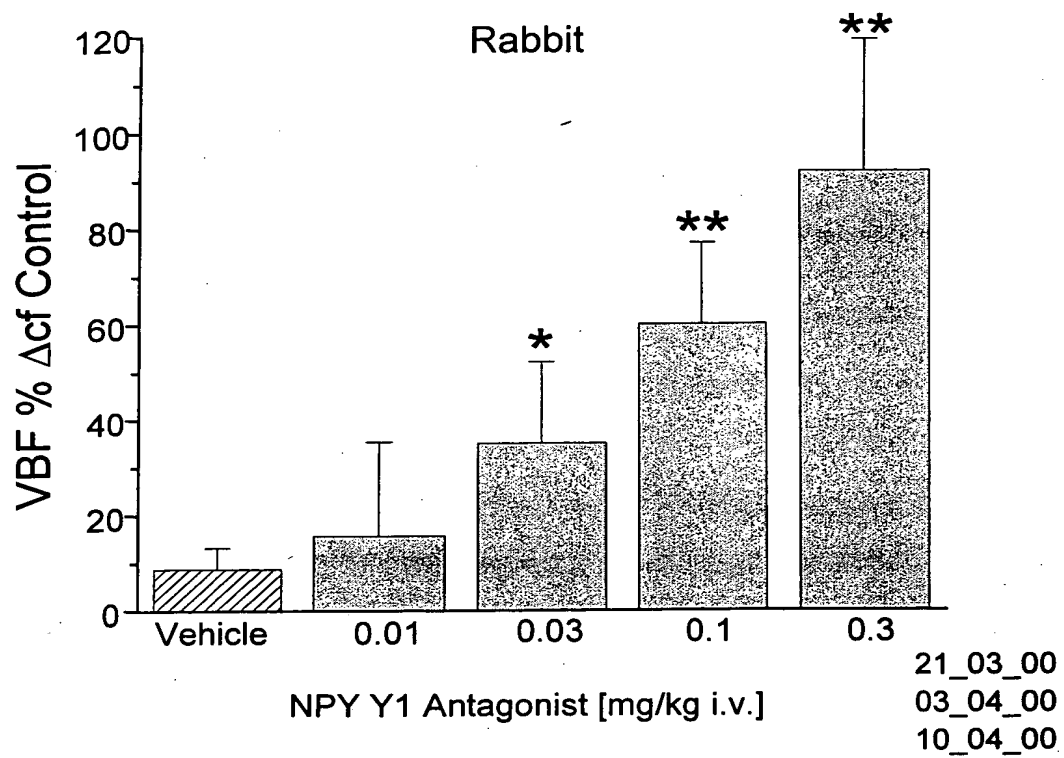


Fig. 11

Enhancing cAMP signalling potentiates nerve-
increases in vaginal blood flow (VBF) in the

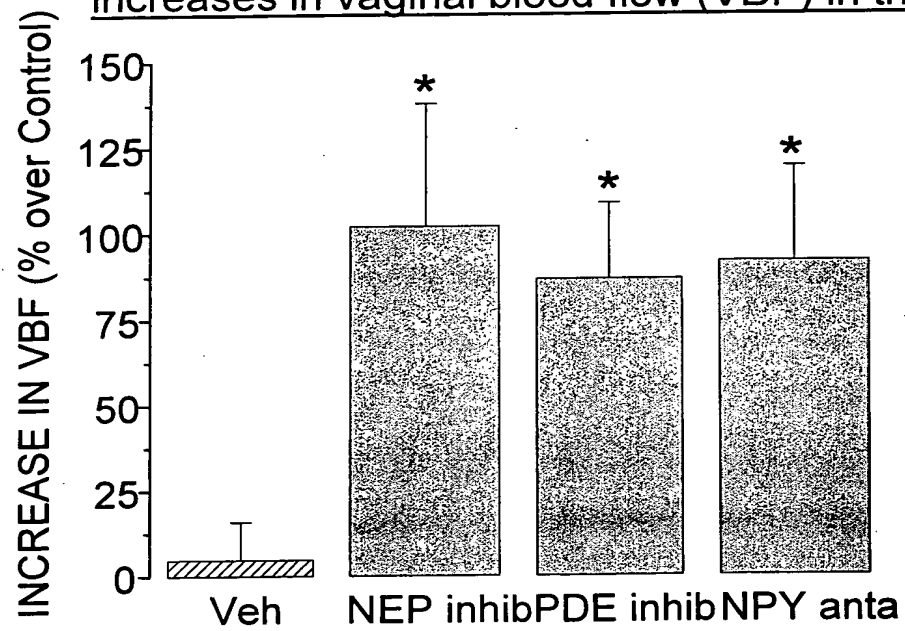


Fig. 12

Effect of a NEPi on pelvic nerve stimulated
increases in clitoral blood flow

